Amendments to the Claims:

This listing of claims will replace all prior versions, and listings of claims in the application:

Listing of Claims:

1. (Amended) A method for determining amounts of cholesterol in lipoprotein fractions present in a sample, comprising the following steps, in the following order:

(a) contacting a first lipoprotein fraction in the sample with a complex-forming agent to form a complex of said first lipoprotein fraction with the complex-forming agent, ~~with the proviso that~~ wherein the complex is not a substrate for cholesterol esterase;

(b) measuring the amount of cholesterol associated with a second lipoprotein fraction present in the sample, to obtain a first cholesterol value;

(c) dissociating the first lipoprotein fraction from the complex-forming agent; and,

(d) measuring the total amount of cholesterol present in the sample, and determining the amount of cholesterol in the first lipoprotein fraction present in the sample by subtracting the first cholesterol value from the total amount of cholesterol present in the sample, thus determining the amount of cholesterol in the first and second lipoprotein fractions present in the sample.

2. (Amended) A method of claim 1, ~~further provided that~~ wherein the complex of step (a) is not a substrate for cholesterol oxidase.

3. (Amended) A method of claim 1, ~~further provided that~~ wherein the complex of step (a) is not a substrate for cholesterol dehydrogenase.

4. (Original) A method of claim1, wherein said first lipoprotein fraction is HDL-C and said second lipoprotein fraction is non-HDL-C.

5. (Amended) A method of claim 1, wherein said first lipoprotein fraction is LDL-C and said second lipoprotein fraction is non-LDL-C.

6. (Original) A method of claim 1, wherein said complex-forming agent is selected from the group consisting of an antibody which binds specifically to lipoproteins of said first lipoprotein fraction, a polyanion, and a sulfated cyclodextrin.

7. (Original) A method of claim 6, wherein said polyanion is selected from the group consisting of heparin, dextran sulfate, phosphotungstic acid, polyvinyl sulfate, heparin sulfate, chondroitin sulfate, hyaluronic acid, and a sulfated oligosaccharide.

8. (Amended) A method of claim 1, wherein said first lipoprotein fraction is dissociated from the complex-forming agent by a non-denaturing detergent.

9. (Amended) The method of claim 8, wherein the detergent is deoxycholate.

10. (Original) A method of claim 1, wherein the measuring of the amount of cholesterol present in steps (b) and (d) is performed by reacting cholesterol ester in the sample with cholesterol esterase.

11. (Original) A method of claim 10, wherein said cholesterol is reacted with cholesterol oxidase or cholesterol dehydrogenase.

12. (Original) The method of claim 1, further wherein the first cholesterol value is subtracted from the total amount of cholesterol.

13. (Original) The method of claim1, wherein the amount of the lipoprotein present in the sample is determined by an optical means.

14. (Original) The method of claim 13, wherein the optical means is a change in absorption or emission spectra of an indicator molecule.

15. (Original) The method of claim 14, wherein said indicator molecule is a dye.

16. (Original) The method of claim1, further comprising determining the amount of any triglycerides present in the sample.

17. (Original) A method of claim 1, wherein said first lipoprotein fraction consists of anyapoB-containing lipoproteins in the sample.

18. (Original) The method of claim 17, further wherein said complex-forming agent is ananti-apoB antibody.

19. (Original) The method of claim1, wherein said first lipoprotein fraction consists of any HDL-C present in the sample.

20. (Original) The method of claim 19, further wherein said complex-forming agent is an antibody which specifically binds to HDL lipoproteins.

21. (Original) The method of claim 20, wherein said antibody specifically binds toapoAI orapoAII.

22-29. (Canceled)